TITUSVILLE AMATEUR RADIO CLUB

NEWSLETTER

JANUARY, 1998

OFFICERS

PRESIDENT: Bud Hughes K4CWG 269-0779 SECRETARY: Nancy Marsden KD4ITX 383-2740
V. PRESIDENT: Pike Abell W4EPU 269-4208 TREASURER: Clyde Lee K4EOS 267-9375

CLUB INFORMATION

TARC MEETINGS :	**Monthly on 4th Tuesday at 1900 hrs at Jaycee Building.**
TARC NETS:	**VIP - Thursdays at 1000 hrs on 146.910**
	FRIENDSHIP - Thursdays at 1830 hrs. ao146.910
	MOSQUITO - Wednesdays at 1900 hrs on 28.333
TARC REPEATERS:	**VHF - 146.910 and146.970. UHF 444.150**

PRESIDENT'S CORNER

By Bud Hughes K4CWG

The holidays are over. As we begin taking down the beautiful lights, trees, ornaments and decorations that have lifted and turned our hearts this season, I am sure you will agree with me that even with the many adversities, we have so much to be thankful for.

The TARC Christmas party was the best attended ever. For those who could not be with us, you missed a good time. Thanks to Clara, KF4YQL for another beautiful Christmas program.

Santa Claus sure made some changes from last year. Did you notice that Santa must have spent the winter somewhere other than in that warm and beautiful Spanish island of_____? As I remember Santa from last year it seems that he has a different accent, he now wears glasses, has his own beard, and is taller. Santa, we are happy that you took time to include us in your schedule. We greatly appreciated the elves who delivered the gifts to us.

By the way, Sherry, KF4HTC was delighted to be voted "Ham of the Year".She is honored, but says there are so many in the club that are more deserving of this title.

The Soap-on-a-Rope award went to Les, K4SJC, and was awarded by Sandy, KE4TQZ. Les was instructed not to use the soap - at least not this bar.

The installation of TARC officers and Board of Directors was administered by Ralph, AE4LE. Board member Bob, W4VQB had previous commitments and was unable to attend, but was installed in abstention. A special thanks to Susanna (the better half of Grant, KF4IGK) for coordinating, administering and finalizing the two category vote count.

Thanks to all the judges who sat on the "benches" at Titusville Pier the night of...(see page 2)

HAPPY BIRTHDAY

JANUARY BIRTHDAYS

JAN. 1 N4ZNQ JIM MEEKS
JAN. 2 KR4GS ANTHONY LAPENTA, JR.
JAN. 3 KE4AGO BILL REALY
JAN. 6 KB0OQJ KENNETH HITCHCOCK
JAN. 8 N4KHU DAVE ROBERTS
JAN. 8 N4AWX BRIAN VAN ALSTINE
JAN. 10 AA1HB CHARLIE CHENEY
JAN. 11 KE4RFJ DEBBIE BUTTON
JAN. 12 K4WSE JOHN WOOD
JAN. 12 KE4NYM MATT KELLER
JAN. 13 KE4TTZ SANDY THORNE
JAN. 14 WB4AXB ART BURSCH
JAN. 17 KO4NQ FRENCHY POULIN
JAN. 19 KB7UOW BRUCE ERICKSON
JAN. 20 KE4TQZ SANDRA GREENWALD
JAN. 21 KE4SY EDDIE GASS
JAN. 21 KE4MXF KAY JORDAN
JAN. 22 KF4BGR EDWARD LYONS
JAN. 23 KD4GPF JOE MYERS
JAN. 23 KC4VIN CAROL RAMOS
JAN. 26 KD4ZAI WALT HOLLOWELL
JAN. 26 K4SJC LES GRINER
JAN. 28 WA4JWU ROGER VERBLE
JAN. 29 000000 ANTHONY SINI

PRESIDENT (From page 1).....
December 20, to determine the winners of the Titusville Boat Parade. There was a great turn out. I think Alan, KC4UUX said it right when he said "there are more hams here on the pier tonight than there are at our club meetings. Maybe we should change the location of our meeting place."

Hope to see you at the next club meeting on January 27. 73's

HANNUKAH HARRY SAVES CHRISTMAS

By Ozzie N4SCY

The week before Christmas, I went to Denny's for the usual Thursday night dinner, not knowing if it would be my last for a while. I had just landed a job on the night shift of a database retrieval company in Rockledge, and with no seniority it's hard to tell them what my schedule SHOULD be. I thought it was amusing when Sherry, KF4HTC asked me if I wanted to be Santa Claus for the club Christmas party this year. "What? You want this Jewish kid to be Santa Claus?", I asked. "Well, no one else has volunteered", she replied.

The problem, of course, was my work schedule. It looked so bleak that I even got a hair cut with money from my first pay check. If I thought I'd had a snowball's chance in Florida of doing the gig, I'd have used my own hair! As it turned out, the company is real flexible about allowing people to change their schedules "for good cause" A "radio club event" was good enough for them, but I let on over the repeater that I was still working that night, to heighten the surprise.

Now, you have to realize that I learned in the army that you don't volunteer for things. And I try very hard NOT to volunteer for things, but I have this tendency to allow myself to be "sucked into vacuums". That was the case here, since Jose had let it be known that 5 years in the job was enough. In fact, I made it a point of going up to him at the party and saying how I'd only gotten a few hours off from work, I had to leave to get back, and I was sorry I'd miss his Santa Claus, as if I'd forgotten about his not doing it.

I hope everyone was surprised, and enjoyed it half as much as I did. I almost did it with a Yiddish accent, but chickened out at the last minute. You're going to have to look around for someone else to play Santa next year, though. I just looked at my schedule, and it appears that I have to work that night.

AMATEUR RADIO NEWS RELEASE

From Hugh A. Turnbull, W3ABC
Chairman, Scholarship Committee

THE FOUNDATION FOR AMATEUR RADIO, INC., a non-profit organization with headquarters in Washington, D.C., plans to administer sixty-six (66) scholarships for the academic year 1997-1998 to assist licensed Radio Amateurs. The Foundation, composed of over seventy-five local area Amateur Radio Clubs, fully funds nine of these scholarships with the income from grants and its annual Hamfest. The remaining fifty-seven (57) are administered by the Foundation without cost to the various donors.

Licensed Radio Amateurs may compete for these awards if they plan to pursue a full-time course of studies beyond high school and are enrolled or have been accepted for enrollment at an accredited university, college or technical school. The awards range from $500 to $2500 with preference given in some cases to residents of specified geographical areas or the pursuit of certain study programs. Clubs, especially those in Delaware, Florida, Maryland, New Jersey, Ohio, Pennsylvania, Texas, Virginia and Wisconsin, are encouraged to announce these opportunities at their meetings, in their club newsletters, during training classes, on their nets and on their world wide web home pages.

Additional information and an application form may be requested by letter or QSL card, postmarked prior to April 30, 1998 from:

FAR Scholarships
6903 Rhode Island Avenue
College Park, MD 20740

The Foundation for Amateur Radio, incorporated in the District of Columbia, is an exempt organization under Section 501(C))3) of the Internal Revenue Code of 1954. It is devoted exclusively to promoting the interests of Amateur Radio and those scientific, literary and educational pursuits that advance the purposes of the Amateur Radio Service.

S/V Keno
Suite 82
3206 S. Hopkins Ave.
Titusville, FL 32780

December 6, 1997

Bud Hughes - K4CWG
Expedient Services, Inc.
2445 Cheney Highway
Titusville, FL 32780

Dear Bud Hughes,

Thank you again for arranging a special opportunity for me to take my amateur radio license exams. Please also extend my thanks to the three examiners.

Your helpfulness and encouragement made a great introduction to the spirit of ham radio. With our departure next week, we are especially thankful that, due to your extra efforts, the good ship Keno has two licensed "Technicians" aboard !

When Jim (KF4UTX) and I return to Titusville next summer, we look forward to joining the Titusville Amateur Radio Club.

Sincerely,

Mary Tyner

Mary Tyner

P.S. Sorry we will not be in Titusville for your judging of the boat parade. Keno would definitely be a winner !

(all PEP) are 500 W for 160 through 40 meters, 425 W on 30 meters (the maximum legal power is 200 W), 225 W on 20 meters, 125 W on 17 meters, 100 W on 15 meters, 75 W on 12 meters, and 50 W on 10 meters. The threshold for all VHF bands is 50 W. On UHF, the threshold level is 70 W on 70 cm, 150 W on 33 cm, 200 W on 23 cm, and 250 W on 13 cm and higher frequencies.

The threshold for amateur repeaters is 500 W effective radiated power (ERP) if the repeater antenna is located on a building or is less than 10 meters above ground. Stations operating at or below these respective power levels are categorically excluded from having to conduct a routine RF radiation evaluation. Mobile and portable (hand-held) devices using push-to-talk operation generally are also exempt from evaluation. But, all stations - regardless of power level - still must comply with the RF exposure limits that become effective New Year's Day.

OET Bulletin 65 and the new Supplement B are availableat:http://www.fcc.gov/oet/info/documents/bulletins/#65. Copies are available from International Transcription Service, Inc., 1231 20th St. NW, Washington, DC 20036; telephone 202-857-3800; fax 202-857-3805.

HAM RADIO NOW AN "OFFICIAL" ISS PAYLOAD

From 12/97 QST

Amateur Radio is now considered to be an official payload on the International Space Station (ISS). In fact, reports Matt Boredelon, KC5BTL, at Johnson Space Center, ham radio was the *first* payload to become official. Bordelon already has started the training program for the first crew who will be putting together the ISS starting in January 1999.

The SAREX Working Group and the ARISS Internation team have met with emebers of the International Space Station Program Office to ensure that ham radio has a place aboard the ISS>

Bordelon says the IASA Payloads Office lists Amateur Radio as being onboard the ISS in three phases. The first calls for delivery of a transportable Amateur Radio station (probably hand-held transceivers). With the first crew scheduled to arrive in January 1997 for a five-month stay, this will allow the crew to establish voice and packet contact with friends, family, school groups and other earthbound hams. It will operate from within the Russian service module, which is to serve as the primary crew residence during the early assembly period.

The next phase is a permanent station on the US Habitation Module, set for delivery sometime in 2002. It will have good Earth visibility and plenty of feedthroughs for external antennas. During the ISS international partners meeting in Houston in late 1996, the team agreed that this station should include slow and fast-scan TV, packet, voice, and experimental modes. It will include several frequency bands and modes (SSB and FM) and be able to interconnect with the ISS audio and video subsystems. "This is truly a monumental decision which will solidify the future of Amateur Radio on manned space vehicles," said AMSAT-NA Vice President for Manned Space Programs, Frank Bauer, KA3HDO. Joerg Hahn, DL3LUM, of the German SAFEX team also welcomed the news as "a good sign to know that the ham activities will be an official part of ISS." The ARISS team includes members from Great Britain, Germany, Italy, France, Japan, Russia, Canada and the US.

For More information on the International Space Station and the planned assembly sequence, see http://station.nasa.gov/station/assembly. *AMSAT News Service/Frank Bauer*, KA3HDO

HAM HURT IN HAMFEST EXPLOSION

From 12/97 SKIP
(thanks to Mort Eisenberg, K3DG)

Jose Martinez, WA4VUZ, of Pembroke, Florida, was seriously injured when his motor home exploded during the Palm Beach County Hamfest the weekend of October 18-19 in West Palm Beach. According to a report in the October 20 edition of the *Sun Sentinel* newspaper, the explosion was caused by a leaky propane gas tank. "Known for their prowess in helping victims of hurricanes and other natural disasters that destroy routine communications, Martinez's fellow radio enthusiasts rushed to confront a major emergency of their own," the report by staff writer Tim Collie said. Martinez reportedly suffered burns. He was helicoptered to a hospital in the wake of the early morning blast and was reported in satisfactory condition. Another man also was injured. The newspaper said that hams at the gathering took up a collection for Martinez, a regular at the the Palm Beach County Hamfest.

FCC ISSUES RF SAFETY SUPPLEMENT B TO OET BULLETIN 65

From 12/97 SKIP

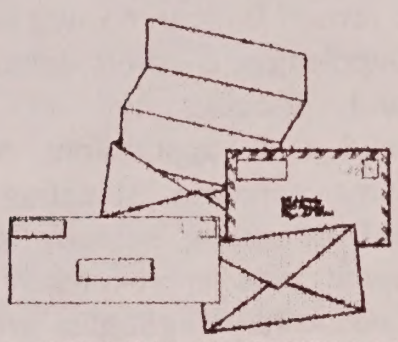
Hams now have basic guidelines and tools to evaluate their stations for compliance with the FCC's RF exposure guidelines that start phasing in January 1, 1998. The FCC's Office of Engineering and Technology issued the long anticipated Amateur Radio Supplement B to its OET Bulletin 65 on November 18. The FCC worked closely with the Amateur Radio community to develop the new supplement. Several ARRL Headquarters staff members and Technical Advisors reviewed preliminary drafts of the supplement. ARRL Lab Supervisor Ed Hare, W1RFI, has been the League's point man for RF safety and exposure issues.

Supplement B, entitled Additional Information For Amateur Radio Stations, contains detailed information specific to ham radio stations. It is designed to be used in conjunction with the FCC's OET Bulletin 65 (Version 97-01), Evaluating Compliance with FCC Guidelines for Human Exposure to Radiofrequency Electromagnetic Fields. The revised Bulletin 65 was issued earlier this year. Supplement B covers definitions of RF radiation and discusses the FCC exposure guidelines and their applications, methods of predicting human exposure, estimating compliance distances, and controlling exposure to RF fields. The supplement runs approximately 70 pages. Among its noteworthy highlights are numerous easy-to-use tables based on various frequencies, power levels and antenna configurations to help hams determine whether their stations comply with the FCC's published RF exposure guidelines. Most tables show compliance distance - the distance than an antenna needs to be located from areas of exposure to be in compliance. (For a closer look, see "FCC RF-Exposure Regulations - the Station Evaluation," by Ed Hare, W1RFI, which will appear in the January issue of QST.)

The new rules go into effect January 1, 1998 for all new stations and for those filing a Form 610 with the FCC after that date. Existing stations have until September 1, 2000 to comply with the new rules. But, existing stations making changes that could affect RF exposure from their station - such as increasing power or relocating antennas - must evaluate that change if done after January 1, 1998.

As first announced, the FCC set a power threshold of 50 W to trigger the need to do a station evaluation, in late August, the FCC revised the power level thresholds to trigger a routine Amateur Radio station RF exposure evaluation. Those changes were welcome news for most hams. The newest guidelines raised its original 50 w PEP threshold on all bands except 10 meters through 2 meters, where it remains at 50 W PEP. The FCC went along in part with an ARRL request and established a sliding scale for threshold levels dependant upon frequency. The revised thresholds

ABEL'S ANECDOTES
By Pike W4EPU



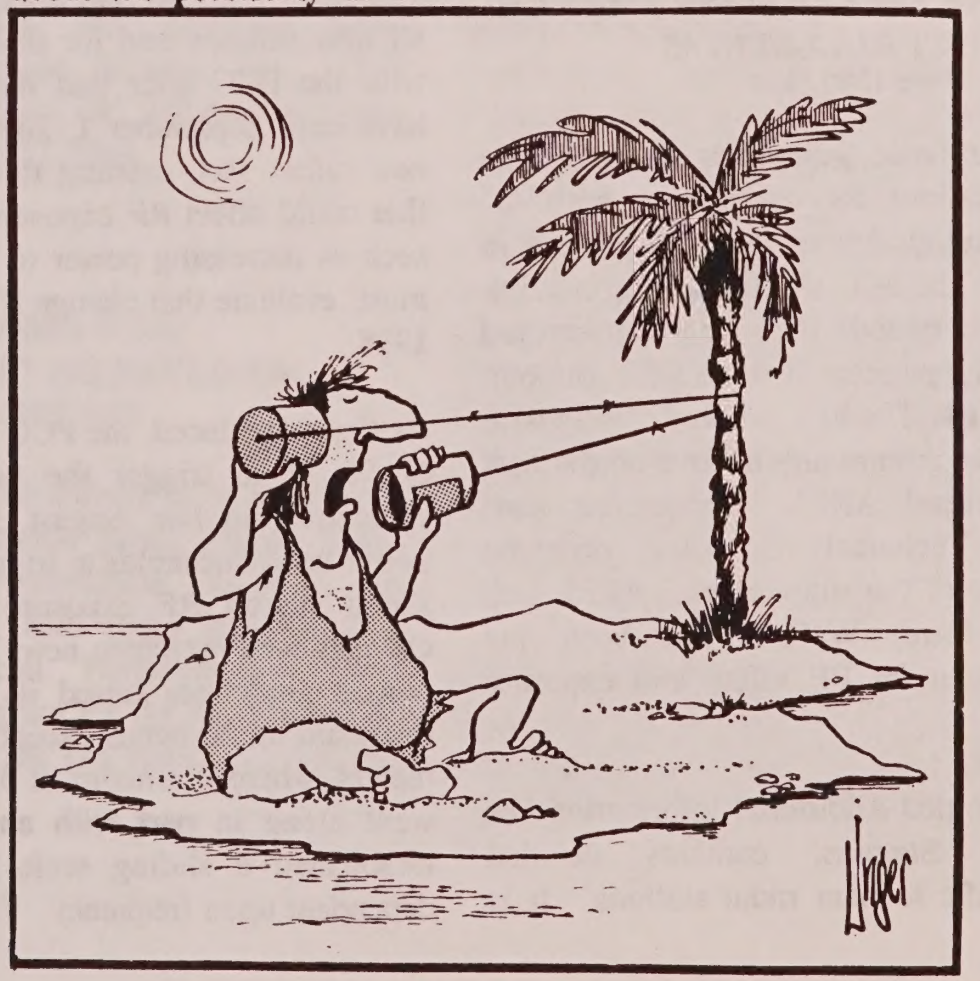
A not so MERRY CHRISTMAS story

It was Christmas day. The guy had been in Nam about eight months. In fact, it was exactly eight months. He arrived last April 25. He was sent to the front shortly thereafter. In that regard, this was somewhat of a typical day for him. He was in his foxhole. He was hunkered down because incoming artillery shells were landing in his vicinity. Shrapnel was whizzing over his head, making those eerie screeching noises. He was so used to it. he was not concerned about the possibility of a direct hit. To him it was kind of like a game of roulette in reverse. The odds were in *his* favor.

The wind was blowing. The freezing rain was slanting in on him. He had not slept for 48 hours. He heard approaching footsteps sloshing through the mud. It was his company clerk braving the weather and the war. It was mail call. The clerk threw a letter into his hole. He caught it before it hit the ground. Otherwise it would have landed in the mud and water underfoot. For a moment he hopefully figured it was Christmas greetings from home.

It didn't take him long to find out differently. He hurriedly ripped it open. It was from an appliance company. The message simply read: "IF YOU DON'T PAY YOUR APPLIANCE BILLS, YOU ARE GOING TO BE IN BIG TROUBLE."

Happy New Year. 73s es 88s.



DECEMBER MEETING

By Marty WD4JNM

Clara, KE4YQL, lead members and guests in the Pledge of Allegiance to the Flag. Pike, W4EPU , gave the blessing. Everyone lined up at the buffet table and ate a fine meal catered by Pumpernickels

Clara expressed her appreciation to all who helped with the party preparations. Les K4SJC and Ethel KC4VWA were congratulated on their upcoming 59th wedding anniversary on December 30.

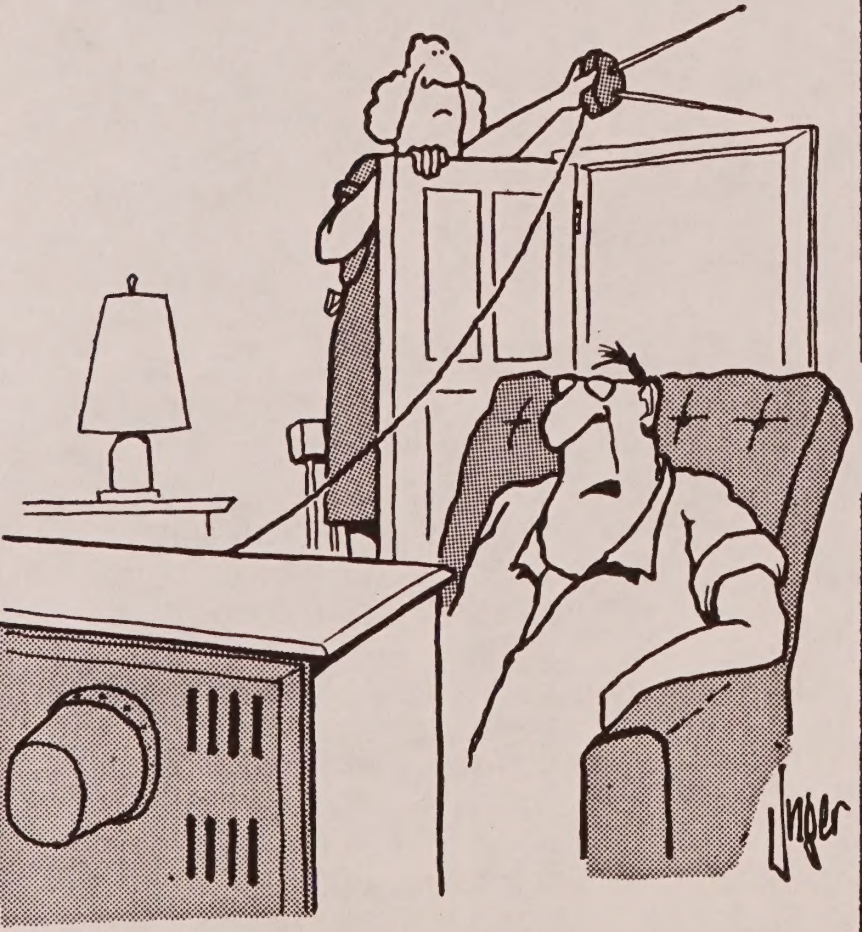
Ralph Hall installed the officers for the coming year. Pike presented the Ham of the Year award to Sherry Hughes, KF4HTC. Sandy, KE4TQZ, presented the Soap-on-the-Rope award to Les, K4SJC.

Members and guests introduced themselves. Ozzie, N4SCY played Santa and distributed the gifts. Tom, WA4QJK won the cash drawing and donated his winnings to the club. The club thanks him for this donation. Door prizes were poinsettia plants. There were 84 members and guests present, and everyone seemed to have a good time.

TREASURER'S REPORT

By Clyde Lee, K4EOS

Balance Forward From 1996	$5703.59
Deposits Year to Date	8540.22
TOTAL INCOME	**14243.81**
Expenditures	8512.76
BALANCE AS AT 12/30/97	**5731.05**
FEMA Escrow	2363.75
BALANCE-CLUB FUNDS	**$3367.30**



"That's it, perfect . . . keep it there."

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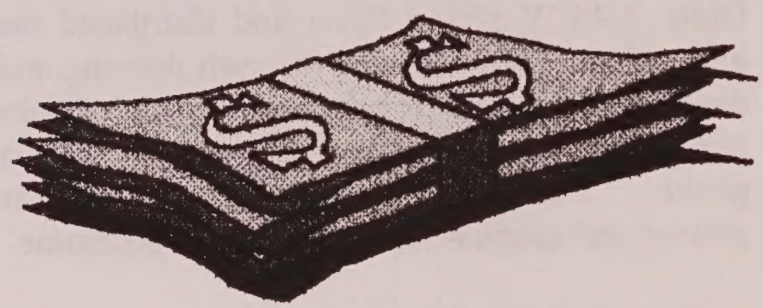

WE WISH YOU A PROSPEROUS 1998

MEMBERSHIP UPDATE

Total membership: 272 (203 regular, 64 family, 5 honorary)

NEW MEMBERS: KF4KUN SAMUEL DENMAN
K4DVW DICK STAUFFER

RENEWALS: KF4BKY JOE HUSSON
K4BJJ LES WIDIC
KF4IGB PAT WIDICK
WA3EKM BRUCE JACOB
KD4HNW KEN DENMAN
W4LEW JOHN WALTERS
KK4SH VINCE GONZALEZ
KE4MXC JEAN GONZALEZ
KC4SYD CLIFF HOAG
KC4UWX AL KOLLER

HAMFESTS:

JAN.10/11	PORT MEYERS
JAN. 17	CRYSTAL RIVER
JAN. 18	PINELLAS PARK
JAN. 24	ARCADIA
JAN. 24	CRYSTAL RIVER
FEB.7/8	MIAMI
FEB. 7	PENSACOLA
FEB.14/15	ORLANDO
FEB.21/22	SARASOTA
FEB. 15	BROOKSVILLE